

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **62-228272**

(43)Date of publication of application : **07.10.1987**

(51)Int.Cl.

C12N 9/96

(21)Application number : **61-069594**

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(22)Date of filing : **27.03.1986**

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(54) STABLE PEROXIDASE FORMULATION

(57)Abstract:

PURPOSE: To prevent inactivation of peroxidase in formulation processing and preservation of solutions, by the coexistence of a specific substance, e.g. ascorbic acid, xanthan gum, etc., as a stabilizer for the peroxidase.

CONSTITUTION: A substance containing one or two or more of ascorbic acid, xanthan gum, tamarind seed polysaccharide and guar seed polysaccharide is used as a stabilizer for peroxidase. For the ascorbic acid and a salt thereof, the amount thereof added is preferably 0.5W5mg based on 200 units peroxidase activity and 0.005W0.03% based on the total weight of the formulation. For the xanthan gum, tamarind seed polysaccharide or guar seed polysaccharide, the amount thereof added is preferably 0.01W0.1% based on the total weight of the formulation.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's

decision of rejection]

[Date of extinction of right]

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